

## A B S T R A C T

A METHOD OF MAKING A LUMINESCENT PATTERN FROM NON-  
OVERLAPPING DOTS, AND A CORRESPONDING LUMINESCENT PATTERN

5

The method of making a luminescent pattern comprises the steps of:

- subdividing the pattern into an array (2) comprising a plurality of non-overlapping cells (3);
- 10     · on the basis of at least two luminescent materials that emit radiation of different colors when they are excited, and for each cell, determining a dot of luminescent material having dimensions that are no greater than the dimensions of the cell, and having a
- 15     color that is appropriate for the radiation from adjacent dots in combination to reconstitute a corresponding zone of the pattern; and

- printing the dots (4) as determined in this way in the corresponding cells of the array.

20

The invention also relates to a luminescent pattern comprising a series of non-overlapping luminescent dots of at least two luminescent materials that emit different colors when they are excited, at least some of the dots emitting colors that combine to form at least a third

25     color.

30

Translation of the title and the abstract as they were when originally filed by the

35     Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.